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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 6th June 1998

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1—97 GI/98

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Telegraphic address "PATENTOFIS".

Patent Office (Head Office),
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Building, 5th, 6th and 7th
Floor, 234/4, Acharya Jagadiah
Bose Road, Calcutta-700 020.

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पेटेंट कार्यालय

एकत्र तथा अभिकल्प

कलकत्ता, दिनांक 6 जून 1998

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिसके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टांडी इस्टेट,
तीसरा तल, लोकर पगेल (प.),
मुम्बई-400013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोवा राज्य क्षेत्र एवं मध्य
शांतिमय क्षेत्र, दमन तथा दीव एवं
बाबर और नगर हवेली ।

तार पता - "पेटेंटॉफिस"

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करील बाग,
नई दिल्ली-110 005 ।

हरियाणा विभाजन प्रदेश जम्मू
तथा कश्मीर पंजाब राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
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तार पता - "पेटेंटॉफिस"

पेटेंट कार्यालय शाखा,
विंग "सी" (सी-4, ए),
तीसरा तल, राजाजी भवन,
बसन्त नगर, चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनीकाय
तथा एमिनिदिवि द्वीप ।

तार पता - "पेटेंटॉफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, वि्वतीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बांस मार्ग,
कलकत्ता-700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंटॉफिस"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अपीलेशन सभी आवेदन-पत्र, सचनान, विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क : शुल्कों की अदायगी या तें नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य भुगतान अथवा
डाक आवेदन या जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा
बैंक द्वारा की जा सकती है ।

APPLICATION FOR THE PATENT FURN AT THE
HEAD OFFICE 234/4 ACHARYA JAGADISH BOSE
ROAD, CALCUTTA-20

The dated shown in the crecent bracketed are the dated claimed
under section 135, under Patent Act, 1970.

16-04-1998

640/Cal/98. Ujjal Chatterjee; Ranendra Nath Banerjee and
Somenath Chakrabarty "The Art process and
method of manufacturing of jute yarn moulded
products".

641/Cal/98. British Telecommunications Plc. "Network con-
figurator tool" (Convention No. 9707550.1 on
15th April, 1997 in Great Britain).

642/Cal/98. British Telecommunications Plc. "Design of
computer networks" (Convention No. 9707549.3
on 15th April 1998 in Great Britain).

643/Cal/98. Empower Corporation. "Portable scooter" (Con-
vention No. 08/843 423 on 15th April 1997 and
09/013 322 on 26th January, 1998 in U S).

644/Cal/98. Deca-Medics Inc., "Chest compression apparatus
for cardiac arrest".

645/Cal/98. EMS-Inventa AG. "Device & method for the
passive, delayed cooling of spinning filaments
(Convention No. 19716394.7 on 18-4-97 in Ger-
many).

646/Cal/98. George H Miley; Yibin Gu; Blair P Bromley;
Jonathon H Nadler and John Sved., "Plasma jet
source using an inertial electrostatic confinement
discharge plasma".

647/Cal/98. George H Miley and Yibin Gu., "Spherical iner-
tial electrostatic confinement device as a tunable
X-Ray source".

648/Cal/98. Rietter Automotive (International) Ag., A de-
vice for the selective controlled sound radiation"
(Convention No. 1997 1070/97 on 7-5-97 in Swit-
zerland).

649/Cal/98. Metallgesellschaft Aktiengesellschaft "Process of
of regenerating a loaded washing liquid which
comes from a plant for desulfurizing a gas mixture
containing hydrogen and carbon oxides". (Conven-
tion No. 197 16 310.6 on 18-4-97 in Germany).

650/Cal/98. Interotex Limited. "Rotary heat and/or mass
transfer arrangements" (Convention No. 9707948,
7 on 19-10-97 in Great Britain)

- 651/Cal/98. Cincinnati Milacron Inc., "Method of analysis for aqueous fluids".
- 652/Cal/98. Eli Lilly & Company, "Fluxetine enteric pellets" (Convention No. 08/867, 196 on 29-5-97 in U S A).
- 653/Cal/98. Yong XU, "A portable mobile station".
- 654/Cal/98. Coopeland Corporation, "Scroll machine with discharge duct" (Convention No. 08/840,864 on 17-4-97 in U S A).
- 655/Cal/98. Britax Rainsfords, Inc., "Mirror assembly" (Convention No. 08/845,681 on 25-4-97 in U S A).
- 656/Cal/98. CFPI Agro, "Preparation process for 3, 4-disubstituted dinitroanilines".

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned may, at any time within four months of the date of the issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्देश की तिथि से चार (4) महीने या अधिकतम ऐसे अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र की उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में तथा विहित इसको तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संबंध में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुस्यू हैं।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार तबसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों का जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकल्पन किया जा सकता है।

Cl. : 172 B

181371

Int. Cl. : D 02 J 13/00

A FALSE TEXTURING MACHINE.

Applicant : TEIJIN SEKI CO. LTD., OF 9-1, EDOBORI 1-CHOME, NISHI-SU, OSAKA-SHI, OSAKA-FU, JAPAN.

Inventors :

1. TAKEICHI NAKAHARA,
2. HAJIME HINO,
3. TAKASHI IKEUCHI,
4. TSUTOMU OGISO.

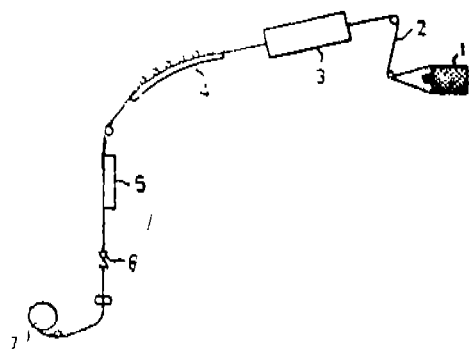
Application No. 167/Cal/1994 filed on 16th March, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

5 Claims

A false texturing machine comprising a false twisting device (6) for imparting twists to a yarn (2), a heating apparatus (3), disposed upstream said false twisting device, for heat setting twists run back along said yarn, and a cooling apparatus (4, 5), disposed between said heating apparatus (3) and said false twisting device (6), for cooling said yarn, characterized in that said cooling apparatus (4) comprises a yarn contacting and cooling surface (8), at least one non-contacting portion being partially disposed in said yarn contacting and cooling surface of said cooling apparatus, and that pressing members (9), for pressing at said yarn into said non-contacting portions, are disposed correspondingly to said non-contacting portions.

FIG. 1



(Compl. Specn. : 16 Pages)

Drawn. : 2 Sheets)

Cl. : 64 B 3

181372

Int. Cl. : H 01 R 11/07

CONNECTION MODULE.

Applicant : KRONE AKTIENGESellschaft, OF BEES-KOWDAMM 3-11, D-14160 BERLIN ZEHLENDORF, GERMANY.

Inventors :

1. ADRIAN BENEDETTO,
2. PETER BECKER,
3. WOLFGANG RADELOW.

Application No. 640/Cal/1993 filed on 26th October, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

3 Claims

A connection module for the connection of cable wires of the telecommunication and data technique, in particular dropwires, comprising a screw, an intermediate piece and base plate comprising contacts (20, 8) adaptable for the connection of different cable diameters, characterized in that, wherein, the contact (20) of the outgoing wires and the contact (8) of the incoming wires are disposed spatially and electrically separable from each other, the pressure piece (2) integrated in the intermediate piece (4) comprises two separate contact chamber (11, 12) for the outgoing wires and that on the base plate (5) the contact (8) for the incoming wires as insulation displacement contact elements are disposed, together with the intermediate piece (4) detachably fixed thereon by means of a latch device (13).

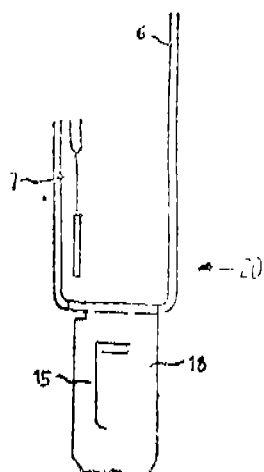
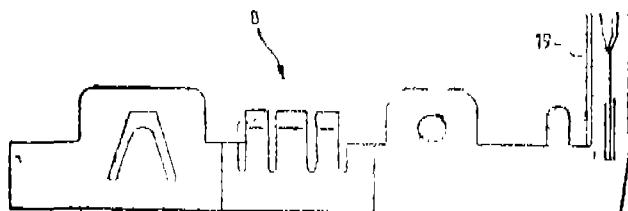


FIG. 4



(Compl. Specn. : 7 Pages;

Drgns. : 3 Sheets)

Cl. : 128 A

181373

Int. Cl. : A 61 F 13/20

PACKAGE HAVING AT LEAST ONE LINE OF WEAKNESS AND APPARATUS FOR PRODUCING IT.

Applicant : McNEIL-PPC, INC., OF VAN LIEW AVENUE, MILLTOWN, NJ 08850, UNITED STATES OF AMERICA.

Inventors :

1. DR. HELMUT ZIELKE,
2. HANS-WERNER SCHOELLING,
3. ROBERT LEUTWYLER.

Application No. 624/Cal/1993 filed on 18th October, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

49 Claims

A package having at least one line of weakness comprising weak points arranged at a distance in succession for opening a pack easily and silently and as discretely as possible and in a manner free of residues of packaging material, characterised in that a package (20; 21; 30; 46; 58; 76; 130; 140; 170; 190; 201) having top side (31) and an under side (33) and a line of weakness (23; 92; 102; 110; 118; 126; 132; 146; 148; 162; 176; 204) comprising plurality of weak points (22; 25; 27; 36; 44; 64; 66; 72; 78; 82; 136; 150; 152) and arranged alternately in succession at equal intervals formed by webs (26, 29, 40, 74, 96, 105c, 106, 114, 120, 136, 166), the said weak points (25) being longer than the said weak points (27) and preferably of equal width and the said long weak points (25) have a longitudinal profile (35) in the form of an arc of a circle forming the bottom of the weak points (25) with two ends (37, 39) of the said longitudinal profile (35) respectively merge gradually at an acute angle into the plane of the top side (31) of the said package (21) and the said weak point (27) has a longitudinal profile (41) with two ends (43, 45) with vertical indentation where the profile (41) merge into the shape of an arc of a circle.

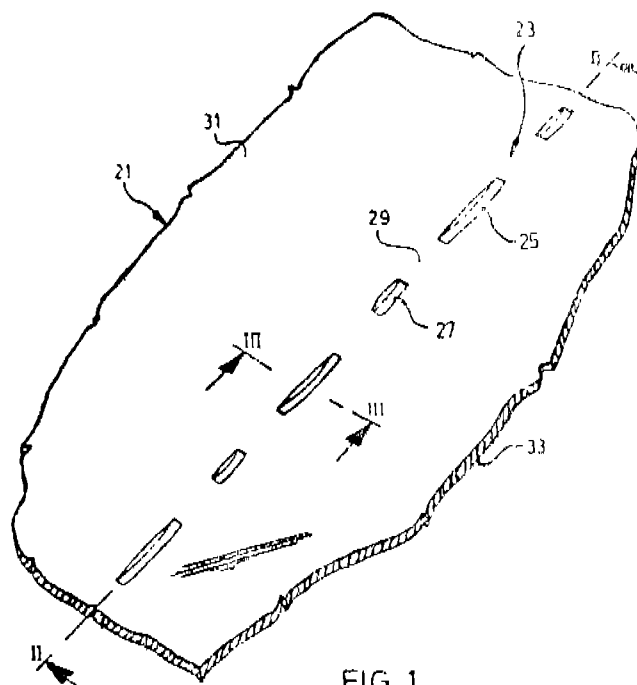


FIG. 1

(Compl. Specn. : 49 Pages

Drgns. : 16 Sheets)

Cl. : 190 B

181374

Int. Cl. : F 23 R 3/32; F02 C 3/14

GAS TURBINE ULTRA LOW NOX COMBUSTOR.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors :

1. ANTHONY MCWHIRTER,
2. EUGENIO COLAUTTI,
3. DAVID JOSEPH AMOS.

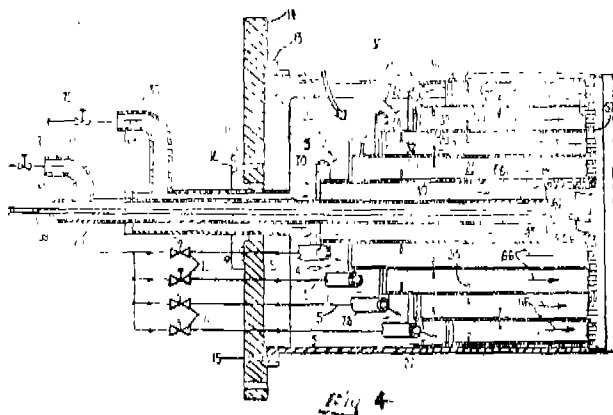
Application No. 191/Cal/1994 filed on 22nd March, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

12 Claims

A gas turbine (1) ultra low Nox combustor (16) comprising :

- (a) a compressor (3) for compressing air;
- (b) a combustor (6) for producing a hot gas (7) by burning a fuel in said compressed air, said combustor having a plurality of annular passages concentrically arranged around a common axis, each of said passage having an inlet end (34) and a discharge end (35); characterised in that :
 - (i) a toroidal manifold (70, 71, 72, 73) for each of said annular passages (23, 24, 25, 26) each of toroidal manifolds disposed immediately upstream of said inlet end (34) of its respective passages (23-26) and having fuel discharge ports means (47) for introducing a fuel (5) therein at an acute angle (A) to said axis; and
 - (ii) flow control valve means (78) for separately controlling the introduction of fuel into each of said annular passages (23, 24, 25, 26) via its toroidal manifold (70, 71, 72, 73); and
- (c) a turbine (8) for expanding said hot gas (7) produced by said combustor.



(Compl. Specu. : 14 Pages;

Drgns. : 6 Sheets)

Cl. : 107 C & B

181375

Int. Cl.⁴ : F 02 B 11/02

ROTARY INTERNAL COMBUSTION ENGINE WITH COMPRESSOR.

Applicant & Inventor : CHEN LONG CHEN, OF NO. 21, LANE 11, YOUNG LO RD., CHUNG LI CITY, TAU YUAN, TAIWAN.

Application No. 334/Cal/1994 filed on 5th May, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

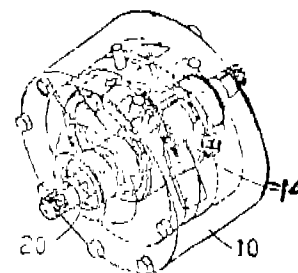
4 Claims

A rotary internal combustion engine with compressor having a fuel/air mixture supply and a fresh air supply and comprising :

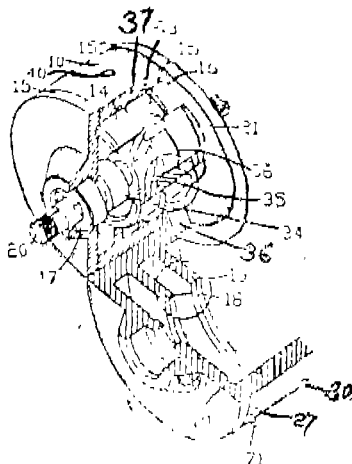
- (a) a housing (10) having a fuel/air mixture compression chamber (61), a power chamber (62) and a fresh air compression chamber (63) each chamber having a substantially circular cross-sectional configuration and being coaxially arranged with each other; a first passage (28) connecting the fuel/air mixture compression chamber and the power chamber and a

second passage (29) connecting the fresh air compression chamber and the power chamber;

- (b) a shaft (20) rotatably mounted in the housing and extending through all three chambers so as to be substantially concentric with all three chambers;
- (c) a fuel/air mixture vane (34) fixed on the shaft so as to rotate with the shaft in the fuel/air mixture compression chamber;
- (d) a power vane (35) fixed on the shaft so as to rotate with the shaft in the power chamber;
- (e) a fresh air compression vane (36) fixed on the shaft so as to rotate with the shaft in the fresh air compression chamber;
- (f) a fuel/air compression rotor (14) located eccentrically with respect to the shaft and connected to the fuel/air mixture vane so as to rotate therewith in the fuel/air mixture compression chamber;
- (g) a power rotor (15) located eccentrically with respect to the shaft and connected to the power vane so as to rotate therewith in the power chamber;
- (h) a fresh air compression rotor (16) located eccentrically with respect to the shaft and connected to the fresh air compression vane so as to rotate therewith in the fresh air compression chamber;
- (i) a first cut-off member (37) extending from fuel/air compression rotor (14) and passing across the first passage (28), the first cut-off member (37) having at least one first recess portion such that the first passage (28) is closed by the first cut-off member (37) and opened when the at least one first recess portion passes across the first passage (28) thereby allowing compressed fuel/air mixture to pass into the power chamber (62);
- (j) ignition means to ignite the fuel/air mixture in the power chamber (62) and
- (k) a second cut-off member (38) extending from the fresh air compression rotor (16) and passing across the second passage (29) the second cut-off member (38) having at least one second recess portion such that the second passage (29) is closed by the second cut-off member (38) and opened when the at least one second recess portion passes across the second passage (29) thereby allowing compressed fresh air to enter the power chamber (62), the at least one second recess portion being located such that compressed fresh air passes into the power chamber (62) during burning of the fuel air mixture in the power chamber (62).



17



(Compl. Specn. : 20 Pages;

Drgns. : 10 Sheets)

Cl. : 108 C 3 35 F

181376

Int. Cl. : F 27 D 1/16, 1/36

A VESSEL REPAIR DEVICE.

Applicant : MONOCON INTERNATIONAL REFRACTORIES LIMITED, OF OLD DENABY DONCASTER, DN 12 4LQ, GREAT BRITAIN.

Inventor : OWEN EASTWOOD.

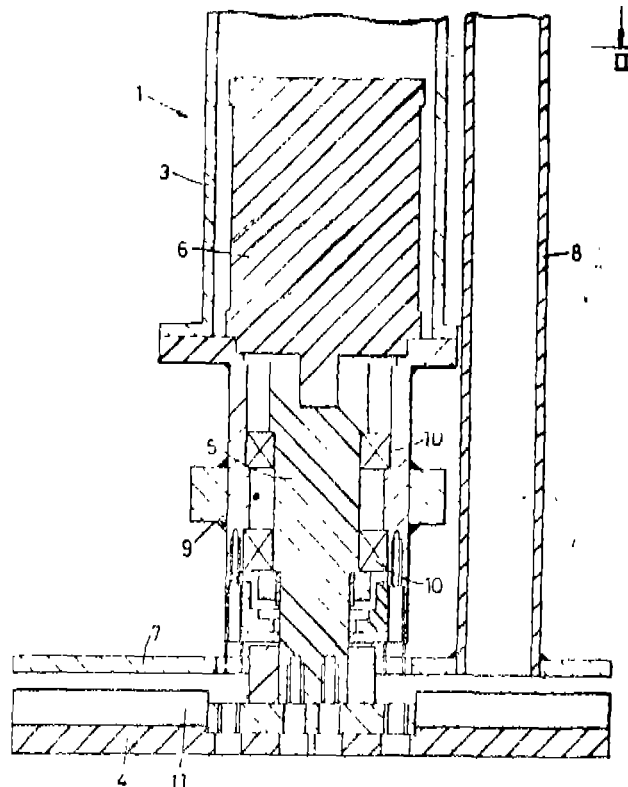
Application No. 378/Cal/1994 filed on 20th May, 1994.

(Convention No. 931168.1 on 05-06-1993 in United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

12 Claims

A vessel repair device (1) to enable the repair of a refractory lining of a metallurgical vessel comprising a rotatable member (4), rotatably mounted towards the end of a carrier means (3) adapted to locate the rotatable member at a required position in the vessel (2), a drive means (5, 6) for the rotatable member (4), means associated with the carrier means (3) to control the deposit of a particulate refractory material on to the rotatable member, characterized in that the means to control the deposit of said particulate material is a feed pipe (8) to direct and deposit the particulate refractory material on to the rotatable member (4), said feed pipe (8) being mounted on said carrier means (3), and said feed pipe (8) being circumferentially adjustable about said carrier means (3), or said feed pipe (8) and said carrier means (3) being circumferentially adjustable, whereby to enable the deposit of the particulate material on said rotatable means (4) at a required position in relation to a predetermined direction of intended throw of particulate material from the rotatable member.



(Compl. Specn. : 17 Pages;

Drgns. : 3 Sheets)

Cl. : 69 I

181377

Int. Cl. : H 01 K 19/00

APPARATUS FOR FEEDING AN ELECTRICAL LOAD.

Applicant : NICO-ELEKTRO AKTIENGESELLSCHAFT, OF ALTENBACH 8 FL-9490 VADUZ LIECHTENSTEIN.

Inventor : DIPL. EL. ING VLADIMIR SOKOLOV.

Application No. 570/Cal/1994 filed on 19th July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

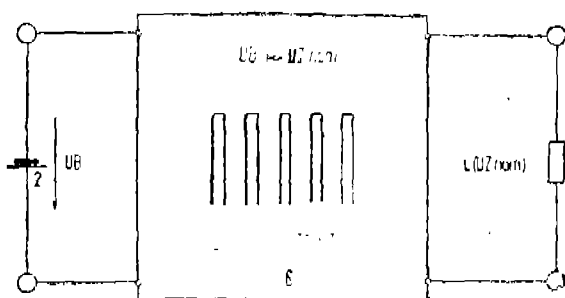
7 Claims

An apparatus for feeding an electrical load (L) having a predetermined nominal voltage ($U_{Z\text{ nom}}$), comprising an input for connection to a supply voltage source (2) and an output for connection to the load (L), and comprising a needle pulse shaper (6, 68) applying a train of needle pulses (NI) to the output connected to the load, characterised in that the needle pulse shaper (6, 58) comprises :

- a capacitor (C);
- a constant current source (T1) connected to said capacitor for charging the capacitor (C);
- a voltage divider comprising two resistors (R13, R14) connected in series for producing a reference voltage (U_r);
- a unijunction transistor (UJT) connected to said voltage divider and said capacitor, said unijunction transistor being fired as soon as the voltage (U_o) of the capacitor becomes slightly greater than the reference voltage (U_r); and
- a final transistor (T4) connected to said unijunction transistor (UJT) and said capacitor, whereby, on

firing of said unijunction transistor, said final transistor (T4) is switched into conductive state for the duration of one needle pulse (NI).

FIG 1



(Compl. Specn. : 26 Pages;

Drgns. : 5 Sheets)

Cl. : 173 A

181378

Int. Cl. : B 05 B 13/02

MODULAR COAL NOZZLE ASSEMBLY FOR VAPOR GENERATION APPARATUS.

Applicant : COMBUSTION ENGINEERING, INC., OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT 06095, UNITED STATES OF AMERICA.

Inventor : RONALD JAMES TENEROWICZ.

Application No. 589/Cal/1994 filed on 25th July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

5 Claims

A coal nozzle apparatus which comprises :

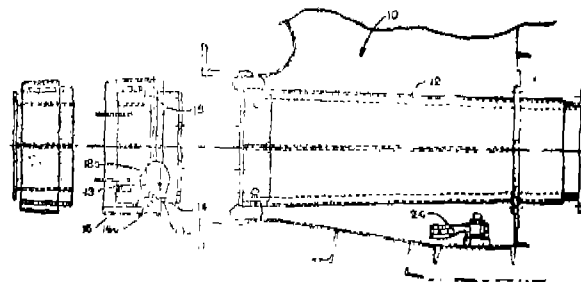
a generally cylindrical coal nozzle body (12) having an inlet and an outlet, the outlet having an inner face comprising :

a generally cylindrical moveable body section (16) disposed in generally coaxial relation ship with said coal nozzle body (12) within the inner face of said outlet of said coal nozzle body (12); and

a pair of coaxial pins (18) and a pair of counterbores (14a) each for receiving a respective one of said pins (18), said pins (18) and counterbores (14a) for mounting said moveable body section (16) in relation to said coal nozzle body (12) to allow movement of said moveable body section (16) about an axis that is generally coincident with a diameter of said coal nozzle body (12) each of said pins (18) having an axial portion cooperating with said coal nozzle body (12) and another axial portion connected to said moveable body section (16) and each of said pins (18) having a head (18a), each of said heads (18a) being disposed on the respective pin (18) at the end thereof proximate to the geometric centerline of said coal nozzle body (12), each of said pins (18) having an axis that is generally coincident with a diameter of said coal nozzle body (12) and each of said counterbores (14a) being dimensioned and configured for receiving therein the head (18a) of respective one of said pins (18) when said another axial end of the respective pin (18) is connected to said moveable body section (16), whereby each of said pins (18) can be axially withdrawn from its mounted disposition by movement of said pin toward the geometric center line of said coal nozzle body (12) such that the head (18a) of the respective pin (18) is withdrawn from its seated disposition in the respective said counterbore (14a) and the another axial end of the respective pin (18) is withdrawn out of connection with said moveable body section (16); and

said coal nozzle apparatus further comprising a roller (22) and means for mounting said roller (22) on said coal nozzle body (12) to permit rotation of said roller (22) relative to

said coal nozzle body (12) while supporting said coal nozzle body (12).



(Compl. Specn. : 13 Pages;

Drgns. : 5 Sheets)

Cl. : 23 B E

181379

Int. Cl. : A 47 F 1/04

TWO TIER CAN PACKAGE HAVING SECURED DIVIDER PANEL AND METHOD OF FORMING THE SAME.

Applicant : THE MEAD CORPORATION, OF THE STATE OF OHIO, COURTHOUSE PLAZA, NORTHEAST, DAYTON, OHIO 45463 U.S.A.

Inventors :

(1) JAMES RICHARD OLIFF,

(2) JAMES THOMAS STOUT.

Application No. 605/Cal/1994 filed on 28th July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

15 Claims

A two tier can package comprising :

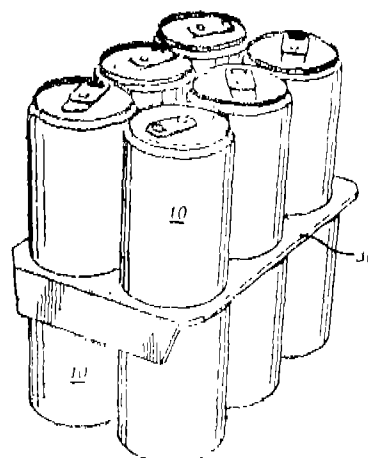
a plurality of beverage cans arranged into a group of at least two vertically aligned tiers, each of said cans having a generally cylindrical side wall defining a cylindrical axis, said cans in each of said tiers having said axes thereof disposed vertically and parallel to each other;

a carton disposed around the exterior of said group of said cans and including top and bottom panels interconnected by a pair of side panels to form a tubular structure, and a pair of end closure structures disposed to close opposite open ends of said tubular structure, said end closure structures being connected to said tubular structure and being disposed substantially adjacent said side walls of said cans of said group along opposite ends of said group;

a divider panel disposed between upper and lower adjacent ones of said tiers and in contact with said cans in said upper and lower adjacent tiers; and

means for securing said divider panel to said end closure structures.

Fig. 1



(Compl. Specn. : 20 Pages;

Drgns. : 7 Sheets)

Cl. : 49 E

181380

Int. Cl. : A 47 G 19/08
A 47 B 81/04**A SUPPORT DEVICE FOR STORING DISH-SHAPED CONTAINERS.**

Applicant & Inventor : ARONLDUS THEODORUS BERNARDUS MARIA NALES, OF IERPIESKAMP 13, 7396 CA TERWOLDE, THE NETHERLANDS.

Application No. 30/Cal/1995 filed on 12th January, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

5 Claims

A support device for storing dish-shaped containers, said device comprising of a column (2) which has supporting elements (4) disposed at the desired distance above one another, for the accommodation of the containers in the horizontal position, each supporting element (4) consisting of a plurality of pin-shaped projections (5, 6) fixed to the column (2) by means of elements, characterised in that the elements consist of strips (15, 16) integral with said projections (5, 6); and non-releasing blind slits (12, 13) are disposed in the side walls of the column (2), in which slits the strips are pushed.

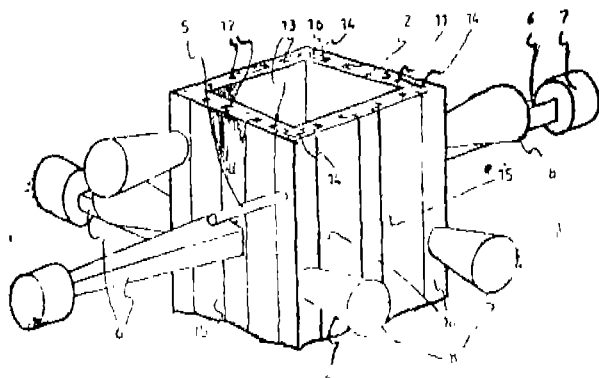


FIG. 3

(Compl. Specn. : 10 Pages;

Drgns. : 2 Sheets)

Cl. : 71 F

181381

Int. Cl. : E 02 F 9/22

HYDRAULIC CIRCUIT SYSTEM FOR CIVIL ENGINEERING AND CONSTRUCTION MACHINES.

Applicant : HITACHI CONSTRUCTION MACHINERY CO. LTD., OF 6-2, OHTEMACHI 2-CHOME, CHIYODAI-KU, TOKYO, JAPAN.

Inventors :

- (1) GENROKU SUGIYAMA,
- (2) TOICHI HIRATA.

Application No. 564/Cal/1993 filed on 27th September, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

9 Claims

A hydraulic circuit system for civil engineering and construction machines comprising first and second hydraulic

pumps (35, 36); a plurality of hydraulic actuators (53-58) driven by hydraulic fluid delivered from said first and second hydraulic pumps; a first group of valves (39) connected to a delivery line (41) of said first hydraulic pump for controlling flow rates of hydraulic fluid supplied to the associated hydraulic actuators (53-57); and a second group of valves (40) connected to a delivery line (42) of said second hydraulic pump for controlling flow rates of hydraulic fluid supplied to the associated hydraulic actuators (54-58); said plurality of hydraulic actuators including first and second travelling motors (57, 58) for driving a pair of travelling devices (204, 205), respectively, and a plurality of working actuators (53-56) for driving a plurality of working elements (200-203), respectively, said first group of valves including a first travelling directional control valve (47; 47A; 47C) for controlling a flow rate of hydraulic fluid supplied to said first travelling motor and a plurality of first directional control valves (43-46) for controlling flow rates of hydraulic fluid supplied to at least part of said plurality of working actuators, said plurality of first directional control valves being connected to said first travelling directional control valves so as to supply a hydraulic fluid from a hydraulic pump to the associated working actuators (53-56) with a priority over said first travelling motor, said second group of valves including a second travelling directional control valve (49; 49A; 49C) for controlling a flow rate of hydraulic fluid supplied to said second travelling motor and a plurality of second directional control valves (50-52) for controlling flow rates of hydraulic fluid supplied to at least part of said plurality of working actuators (54-56), said second directional control valve being connected to said plurality of second directional control valves so as to supply hydraulic fluid from said second hydraulic pump to said second travelling motor with a priority over the associated working actuators, said first and second travelling directional control valves (47, 49; 47A, 49A; 47C, 49C) having first and second variable restrictors (107, 107a; 108, 108a) for controlling the flow rate of said hydraulic fluid by changing an open area in accordance with an input amount of first and second operation means (165, 166), respectively, and further comprising a communication circuit (110) for communicating a hydraulic fluid supply circuit (104) of said second travelling directional control valve with a hydraulic fluid supply circuit (103) of said first travelling directional control valve when at least one of said plurality of working actuators is operated, wherein said hydraulic circuit system further comprises :

(a) first pressure adjusting means (130; 142, 142a) arranged between said first variable restrictors (107, 107a) and said first travelling motor (57) for controlling a pressure downstream of said first variable restrictors to a value corresponding to a first signal pressure;

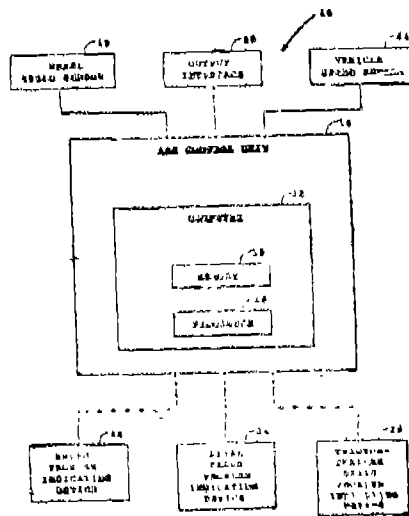
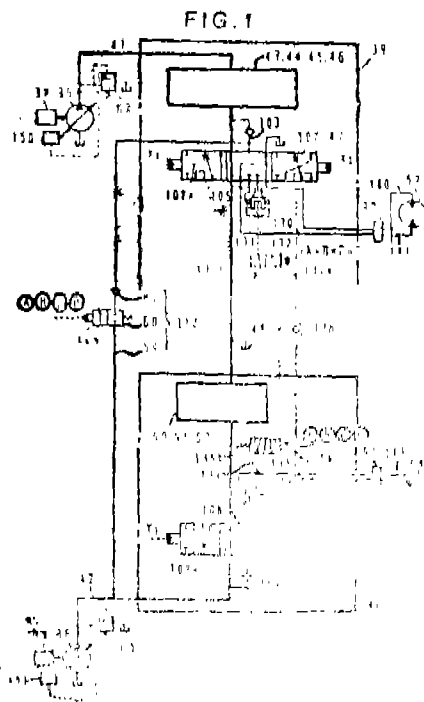
(b) second pressure adjusting means (133; 143, 143a) arranged between said second variable restrictors (108, 108a) and said second travelling motor (58) for controlling a pressure downstream of said second variable restrictors to a value corresponding to a second signal pressure;

(c) pressure selection means (136) for detecting a higher one of load pressure of said first travelling motor and said second travelling motor as a maximum load pressure and;

(d) signal selection means (131, 135, 170; 155; 141, 141a; 131B, 135B) for supplying said maximum load pressure to said first and second pressure adjusting means (130, 133, 142, 142a, 143, 143a) as said first and second signal pressures when a combined operation is performed in which said first

and second travelling motors and at least one of said plurality of working actuators (53—56) are driven simultaneously

a maintenance signal in response to a predetermined minimum difference therebetween to indicate existence of a possible braking system problem.



Compl. Specn. : 17 pages

Drgns. : 2 sheets

(Compl. Specn. : 60 pages;

Drgns. : 12 sheets)

Cl. : 205G
24 E

181382

Int. Cl. : B 60 T 8/66.

"APPARATUS FOR DETERMINING A NEED FOR VEHICLE BRAKING SYSTEM MAINTENANCE IN A WHEELED VEHICLE".

Applicant : EATON CORPORATION, OF 1111 SUPERIOR AVENUE, CLEVELAND OHIO, 44114, UNITED STATES OF AMERICA.

Inventors :

1. LAVERNE ANDREW CARON
2. RICHARD JOSEPH YOUNGBLOOD.

Application No. 688/Cal/1993 filed on 12th November, 1993.

Appropriate Office for opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

5 Claims

Apparatus for determining a need for vehicle braking system maintenance in a wheeled vehicle including fluid-actuated brakes having normally operable and automatically operable braking modes,

the apparatus comprising a wheel speed sensor for determining wheel speed and for generating wheel speed signals representative thereof,

a vehicle speed sensor for determining vehicle speed and for generating a vehicle speed signal representative thereof,

a control unit in communication with the wheelspeed sensor and the vehicle speed sensor for determining wheel slip measures for each wheel during periods of vehicle deceleration from data represented by the wheel speed signals and by the vehicle speed signal,

a memory for accumulating the measures of wheel slip for each wheel and a processor for comparing the accumulated measures of wheel slip and producing

Cl. : 111

181383

Int. Cl. : G 09 F 3/02
A 61 B 5/10.

"A CARRIER FOR AN ELECTRONIC IDENTIFICATION DEVICE".

Applicant : ALLFLEX NEW ZEALAND LIMITED, OF 931 TREMAINE AVENUE, PALMERSTON NORTH, NEW ZEALAND.

Inventors :

JEROME REBOUL
PETRUS AUGUSTINUS VAN AMELSFORT.

Application No. 700/Cal/1993 filed on 16th November, 1993.

Appropriate office for opposition proceedings (Rule 4 Patents Rules 1972), Patent Office, Calcutta,

11 Claims

A carrier for an electronic identification device said carrier being constructed so as to be, in use, engageable with a co operating component whereby the carrier and co-operating component can be joined together to facilitate attachment of the carrier to an object to be identified, said carrier being characterised in that it has integrally moulded therein said electronic identification device, the electronic identification device being located with a housing, said housing being moulded into the plastics material forming the or at least part of said carrier.

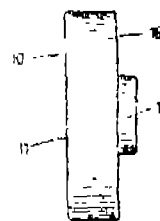


FIG. 1

Compl. Specn. : 13 pages

Drgns. : 4 sheets

Cl. : 145 B

181384

Int. Cl. : D 21 H 5/10, 5/00, 1/00.

"AN ANTIFALSIFICATION PAPER AND METHOD FOR PRODUCING THE SAME".

Applicant : GIESECKE & DEVRIENT GMBH, OF PRINZREGENTENSTR. 159 81677 MUNCHEN, GERMANY.

Inventors :

HAJO MUCK
SIEGFRIED HARMS

Application No. : 292/Cal/1994 filed on 22nd April, 1994.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office Calcutta.

17 Claims

An antifalsification paper comprising a multi-layered sheet of paper and safeguarding band embedded in said sheet of paper so as to be exposed at least in part on the surface of said sheet of paper,

characterised in that :

- said band (7,19) has width greater than 2 mm;
- said sheet of paper comprises at least a first web (6) and a second web (9) of paper bonded to each other, at least the first web (6) having opening (16) through which said band is exposed;
- said band (7, 19) is embedded in said first web so as to be exposed through said openings (16) in the first web;
- said second web (9) is bonded to the first web on the surface opposite to the surface of the first web in which the band (7, 19) is exposed through said opening (16); and
- said second web has a thickness of 10 to 50%, preferably 20%, of the total thickness of the antifalsification paper.

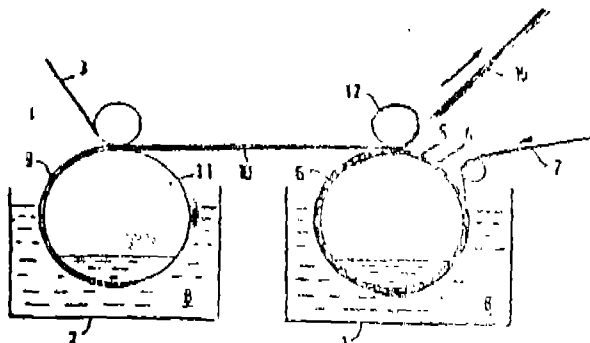


FIG. 1

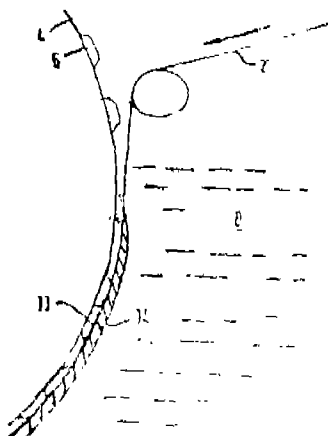


FIG. 2

(Compl. Specn. : 19 pages)

Drgns. : 6 sheet).

Cl. : 32 F

181385

Int. Cl. : C 08 G 59/02.

"EPOXY RESIN MIXTURES FOR THE PRODUCTION OF PREPREGS AND COMPOSITE MATERIAL".

Applicant : 1. SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLTZ 2, 80333 MUENCHEN, GERMANY. 2. HOECHST AKTIENGESELLSCHAFT, OF BRUNINGSTRASSE 50, 65926 FRANKFRUT AM MAIN, GERMANY.

Inventors :

1. DR. WOLFGANG VON GENTZKOW
2. JURGEN HUBER
3. DR. HEINRICH KAPITZA
4. DR. WOLFGANG ROGGER.

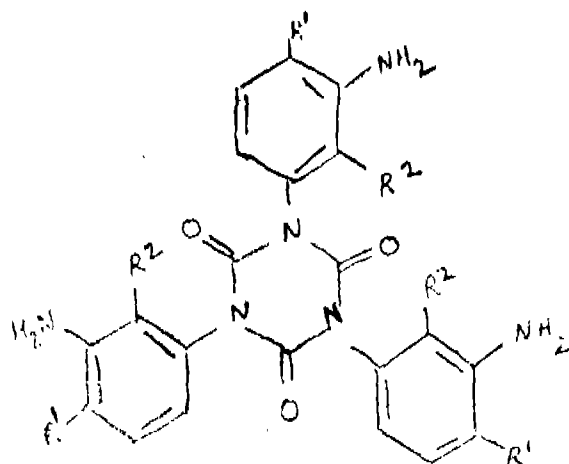
Application No. : 329/Cal/1994 filed on 4th May, 1994.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office Calcutta.

8 Claims

Epoxy resin mixture for the production of prepregs and composite materials, characterised in that it contains the following components :

- a phosphorus-modified epoxy resin such as herein described having an epoxide value of 0.02 to 1 mol/100g, composed of structural units which are derived
 - (A) from polyepoxy compounds having at least two epoxy groups per molecule; and
 - (B) from at least one compound from the group comprising phosphinic acids, phosphonic acids, pyrophosphonic acids and phosphonic half-esters; and
- an aromatic polyimide having the following structure as a curing agent;



where one of the radicals R¹ and R³ on each of three aromatic partial structures denotes H and the other denotes alkyl and the ratio of the number of equivalents of epoxy function to aminehydrogen function is 1 : 0.5 to 1 : 1.1.

(Compl. Specn. : 25 pages).

Cl. : 188

181386

Int. Cl. : C 03 C 17/09.

"NEUTRAL, LOW EMISSIVITY COATED GLASS ARTICLES".

Applicant : PPG INDUSTRIES, INC., OF ONE PPG PLACE, PITTSBURGH 22, PA 15272, UNITED STATES OF AMERICA, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF PENNSYLVANIA, UNITED STATES OF AMERICA.

Inventors :

- (1) NEUMAN, GEORGE ANDREW
(2) STEWART-DAVIS, ROYANN LYNN.

Application No. : 330/Cal/1994; filed on 04-05-1994.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office Calcutta.

14 Claims

A neutral, low emissivity coated glass article comprising :

- (a) a transparent substrate having a refractive index in the range of about 1.5 to 1.6;
(b) a first transparent coating layer having a refractive index in the range of about 1.66 to 1.73 and a thickness in the range of about 400 to 600 Angstroms;
(c) a second transparent coating layer having a refractive index in the range of about 1.76 to 1.83 and a thickness in the range of about 350 to 550 Angstroms; and
(d) a metal oxide coating layer having a refractive index of at least 1.86 and a thickness sufficient to lower the emissivity of the coated substrate below the emissivity of the coated substrate below the emissivity of the uncoated substrate.

(Compl. Specns. : 21 pages;

Drgns. : 01 Sheets)

CL : 56 B/37 A

181387

Int. Cl. : C 10 G 11/18, B 01 J 8/18, F 27 B 15/08,
B 04 C 5/00.

"A DIRECT-CONNECTED CYCLONE APPARATUS".

Applicant : ABB LUMMUS GLOBAL INC., OF 1515 BROAD STREET, BLOOMFIELD, NEW JERSEY 07003, UNITED STATES OF AMERICA.

Inventors :

- (1) LEONCE FRANCIS CASTAGNOS JR.,
(2) GARY EDMUND COLLIER,
(3) STEVEN LOUIS KEINER.

Application No. : 395/Cal/94i filed on 27-05-1994.

Appropriate Office For Opposition Proceedings (Rule 4, Patent Rule, 1972), Patent Office, Calcutta.

07 Claims

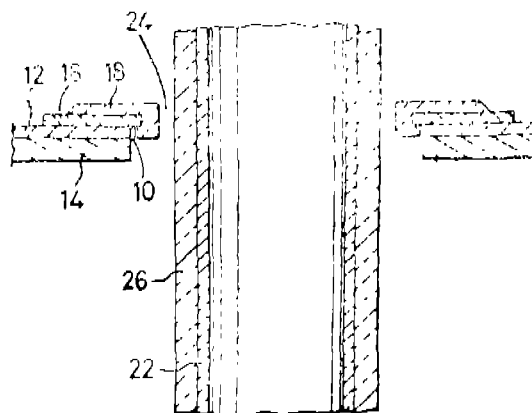
A direct-connected cyclone apparatus having an annular vent orifice (24) comprising :

a cyclone roof (12) defining an aperture (10); characterised in that

a ring plate (16) overlying said roof and whose opening has a circumferential wall surface with a diameter smaller than the diameter of said roof aperture (10);

a refractory lining (18) disposed on and adjacent at least said circumferential wall surface of said opening of the annular plate member (16); and a cyclone outlet tube (22) extending through said opening of said annular plate

member (16) and spaced therefrom to define the annular vent orifice (24) therebetween.



(Compl. Specns. : 11 pages;

Drgns. : 01 Sheets)

Cl. : 113 C

181388

Int. Cl. : H 01 J 61/68.

"HALOGEN INCANDESCENT LAMP".

Applicant : PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH, OF HELLABRUNNER STR. 1, 81543 MUENCHEN, GERMANY, A GERMAN COMPANY.

Inventors :

- (1) DR. PETER DOBIASCH,
(2) ROLF MINDER,
(3) KARLHEINZ VOGL.

Application No. : 614/Cal/1994; filed on 01-08-1994.

Appropriate Office for Oppositions Proceedings (Rule 4, Patent Rule, 1972), Patent Office Calcutta.

13 Claims

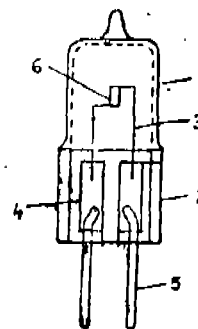
A halogen incandescent lamp closed at one end having a lamp bulb comprising a filament and a fill gas, the filament being connected by two lead-in wires to outer

electrical conductors, characterized in that the three groups of characteristics :

bulb dimensions : inner diameter of the bulb is between 3 mm and 10 mm;

filament dimensions : filament diameter is smaller than 200 m and forming an enveloping cylinder whose length is more than 1.5 times as large as its diameter

and fill gas properties : fill gas having a cold fill pressure between 0.1 and 2.0 bar act together, so that convection within the lamp bulb is avoided in a significant extent.



(Compl. Specns. : 23 pages;

Drgns. : 07 Sheets)

Cl. : 63D

181389

Int. Cl. : H02K 5/24, 5/22.

END CAP ASSEMBLY FOR FRACTIONAL HORSE-POWER PMDC MOTOR.

Applicant : JOHNSON ELECTRIC S.A. OF 125 RUE DU PROGRESS CH-2300 LA CHAUX-DE-FONDS, SWITZERLAND.

Inventors :

- (1) GEORG STROBL,
- (2) WONG TO FAN.

Application No. 624/Cal/1994 filed on 14th August, 1994.
(Convention No. 9316643.7 on 11-8-93 in U.K.)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

6 Claims

An end cap assembly, for a fractional horsepower PMDC motor, comprising :

An inner part having internal and external surfaces (2, 3);

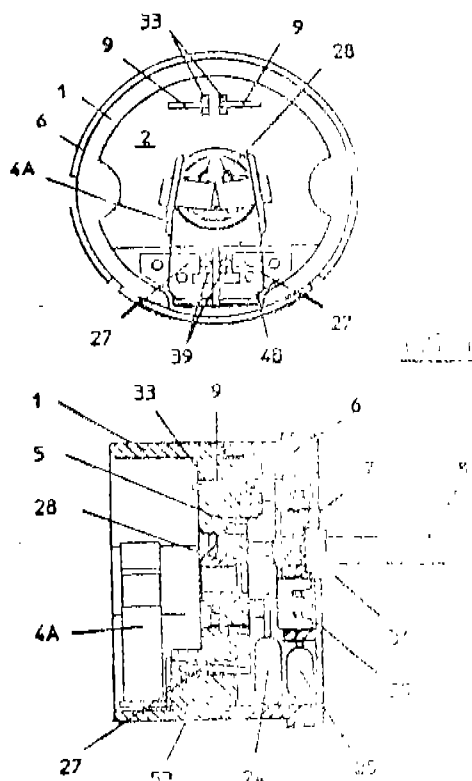
Brush gear (4) mounted on the inner surface (2) of the inner part (1);

an outer part (6) shaped for axial engagement with the inner part (1) and forming an enclosure therewith;

first and second motor terminals (8); and

a suppression circuit comprising at least one first suppression element (5) mounted on the external surface (3) of the inner part (1) in electrical contact with the brush gear (4), and optionally at least one second suppression element (18, 24) electrically connected between the first and second motor terminals (8), said first and second suppression elements (5, 18, 24) being accommodated within said enclosure, characterised by contact means comprising at least one contact member (10A, 10B) attached to at least the first motor terminal (8) and engaged with a lead (9) of said at least one first suppression element (5) as a result of axial engagement of the inner and outer parts (1, 6).

1/4



(Compl. Specn. : 12 pages)

Drgs. : 4 sheets).

Cl. : 102B

181390

Int. Cl. : E02F 9/20.

HYDRAULIC CONTROL SYSTEM FOR CONSTRUCTION MACHINES.

Applicant : HITACHI CONSTRUCTION MACHINERY CO. LTD. OF 6-2, OHTEMACHI 2-CHOME, CHIYODAKU, TOKYO, JAPAN.

Inventors :

- (1) TSUKASA TOYOOKA,
- (2) TOICHI HIRATA,
- (3) GENROKU SUGIYAMA,
- (4) AKIRA TATSUMI.

Application No. : 994/Cal/1994 filed on 28th November, 1994.

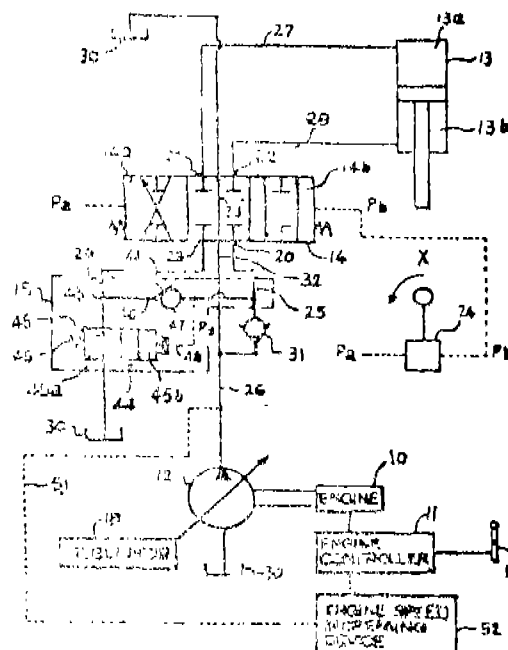
Appropriate Office for Oppositions Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

12 Claims

A hydraulic control system for construction machines, comprising an engine (10), engine control means (11, 16, 53) (90, 16, 53, 86) (90A, 16, 53, 86) for controlling a rotational speed of said engine, a Hydraulic pump (12) driven by said engine, a hydraulic actuator (13) driven by a hydraulic fluid delivered from said hydraulic pump, a directional control valve (14) for controlling a flow of the hydraulic fluid supplied from said hydraulic pump to said hydraulic actuator, said recovering means (15), (15A, 71, 13) (15B, 83, 97) recovering a return fluid from the hydraulic actuator to the supply side of said hydraulic actuator when the pressure of the hydraulic fluid supplied to said hydraulic actuator is smaller than a first predetermined value (Pd), wherein said hydraulic control system further comprises :

detecting means (51) (88) for detecting the pressure of the hydraulic fluid supplied to said hydraulic actuator (13), and

engine speed increasing means (52) (90, 93, 94) (98, 90A, 93A, 94) for controlling said engine control means (11, 16, 53) (90, 16, 53, 86) (90A, 16, 53, 86) to increase the rotational speed of said engine (10) when the detected pressure is higher than a second predetermined pressure (Pd*) close to said first predetermined pressure (Pd).



(Compl. Specn. : 37 pages)

Drgs. 14 sheets.)

Ind. Cl. : 170 A Gr [XLIII (4)]

181391

Int. Cl. : C 11 D-1/00, 1/38.

A BUILT DETERGENT BAR AND A METHOD OF MAKING THE SAME.

Applicant : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventor : GILLIAN SMITH.

Application No. : 164/Bom/94 filed on 18-04-94.

U.K. priority date 23-04-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

10 Claims

A built detergent bar comprising :

10 to 45% by weight of non-soap detergent active,

5 to 60% by weight of detergency builder, and

2 to 20% by weight of a starch selected from natural starch having a mean, dry granule size not exceeding 10 microns; cationically modified starch and mixtures thereof; the amount of soap (if any) in the bar being less than the amount of non-soap detergent.

A method of making a built detergent bars comprising mixing 2 to 20% by weight of a starch material selected from natural starch having a mean, dry granule size not exceeding 10 microns, cationically modified starch and mixtures thereof, with other ingredients comprising 10 to 45% by weight of non-soap detergent active, 5 to 60% by weight of detergency builder, and sufficient water to form a dough, then extruding the dough into bars, the amount of soap, if any, in the bars being less than the amount of non-soap detergent active.

(Compl. Specns. : 15 pages;

Drgns. : Nil)

Ind. Cl. : 146 C Gr. [XXX VIII (2)]

181392

Int. Cl. : G 01 N-9/12, 9/14.

AN AUTOMATIC CORRECTED LACTOMETER READING INDICATOR.

Applicant & Inventor : FREDDY K. GODREJ OF 3, LT. COL. TARAPORE ROAD, PUNE-400 001, MAHARASHTRA, INDIA. AN INDIAN NATIONAL.

Patent Application No. : 175/Bom/94 filed on 26-04-94.

Appropriate Office For Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

20 Claims

An Automatic Corrected Lactometer Reading Indicator to determine the Corrected Specific Gravity of liquids more specifically milk, without any additional diluents/chemicals; the said indicator comprising :

- a Stainless Steel flask containing a Lactometer and fitted with funnel to fill milk, circumferential overflow to ensure specific quantity of milk in the flask and an outlet means;
- the said flask incorporated with a water jacket to act as a cooling chamber and a ceramic heater to heat the contents of the flask;
- a measuring head fitted over the said flask containing a highly sensitive electronic probe for measuring temperature of milk sample in flask, and a DC motor operated mechanism which raises or lowers an optical sensor to measure the movement of the said lactometer inside the measuring head;
- the said measuring head being fitted with two terminal fixed sensors and a reference plate which serve as reference points to measure the movement of the lactometer in the measuring head; and

(c) the said measuring head connected to a microprocessor based electronic control unit alongwith appropriate firmware and software to control the various functions of the unit.

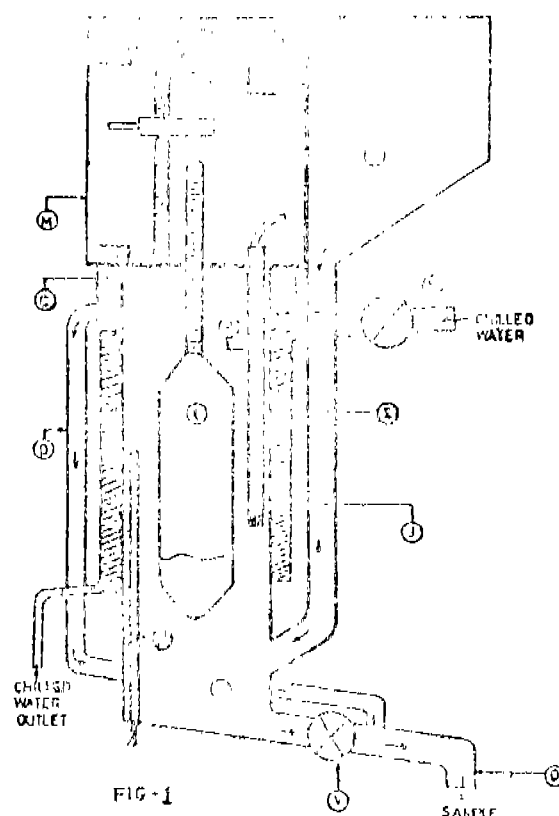


FIG-1

(Compl. Specns. : 19 pages;

Drgns. : 4 Sheets)

Ind. Cl. : 170 C Gr [XLIII(4)]

181393

Int. Cl. : C 11 D-03/37.

HARD SURFACE CLEANING COMPOSITIONS COMPRISING POLYMERS.

Applicants : HINDUSTAN LEVER LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 OF HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventor : MARTIN SHARPLES.

Patent Application No. : 213/Bom/94 filed on 13-05-94.

G. B. Priority date 18-05-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

7 Claims

An aqueous, hard surface cleaning composition of PH 3-7 comprising :

- 1-30% nonionic surfactant,
- 0.005-3% of a water soluble, anionic polymer having an average molecular weight of less than 1 000 000, said polymer being free of quaternary nitrogen groups, wherein the ratio of polymer; nonionic is 0.1; 1 or less.

(Compl. Specn. 33 pages;

Drgns. 1 Sheet.)

Ind. Cl. : 32 C [IX(1)]

181394

Int. Cl. : A 23 L-105.

A PROCESS FOR PREPARING A GEL MATRIX FOR LABORATORY ASSAY PURPOSES.

Applicants : PHYSIC TECHNOLOGIES PVT. LTD.,
MOHAN VILLA, 1147-B, SHIVAJINAGAR, PUNE-
411 016, MAHARASHTRA, INDIA.

Inventors :

- (1) SUBHASH PADHYE,
(2) MEENA KARVE.

Application No. : 220/Bom/94 filed

Complete after Provisional left on 14-08-95.

Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

1 Claim

A process for preparing a gel matrix for laboratory assay purposes comprising the steps of obtaining jellose from tamarind seeds by

- roasting tamarind seeds at 80 to 120 degree celsius for 6 to 8 hours;
- washing the roasted seeds thoroughly to remove any attached pulp;
- soaking the roasted seeds in warm water for about 24 to 48 hours to separate the tests from the inner white kernel;
- washing the inner white kernel with distilled water and blending the kernel with water in a blender to form a paste;
- removing the fat from the paste by repeated treatment with an alcoholic solvent; and
- drying the defatted paste in a non-polar solvent;
- pulverising the dried defatted paste and dissolving the particulate material so obtained in hot water (80-90 degree celsius) under constant stirring and keeping the solution for 8 to 10 hours at 30 degree celsius;
- filtering the solution to remove proteins and insoluble impurities;
- concentrating the filtrate to one third of its volume in a rotary evaporator;
- precipitating the jellose from the filtrate by heating the filtrate with ethanol under stirring;
- collecting the precipitated jellose by centrifugation at 2000 to 3000 rpm for 5 to 15 minutes;
- removing excess ethanol from the jellose by suction filtration; and
- drying the precipitate at room temperature (30 degree celsius) mixing 1 per cent of the jellose solution in an aqueous media with 1 per cent of agarose in aqueous media to obtain a composite gel matrix in accordance with this invention.

(Provisional Specification : 5 pages; Drawings : Nil)

(Complete Specification : 8 pages; Drawings : 1 Sheet)

Ind. Cl. : 196 B1 [XXVI(4)]

181395

Int. Cl. : 50 B [VII(1)].

MULTI FUNCTIONAL ENERGY EFFICIENT AIR CONDITIONER UNIT.

Applicant & Inventor : SURRENDRA HIMMATLAL
SHAH, AN INDIAN CITIZEN, 178, THACKAR INDUS-
TRIAL ESTATE, N. M. JOYTI MARG, LOWER PAREL,
BOMBAY-400 013, MAHARASHTRA, INDIA.

Application No. : 251/Bom/94 filed on 01-06-94.

Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules, 1972), Patent Office Branch, Mumbai-400 013

6 Claims

Multi functional type energy efficient air conditioner unit operable in air conditioner or ventilator or desert cooler mode wherein said unit comprises of a tower type rectangular shaped trolley mounted casing 1 having a thermally insulated refrigeration section 'A' and a compressor section 'B' said section 'A' carrying on its room side 'C' a cooling coil 4 adjacent warm return air inlet 12B, a blower 5A opening into a cool air supply outlet 12 having a thermostat 12D connected to switch of compressor 2, and outer side 'D' of said casing 1 carries fresh air inlet 16 having damper 17 actuated by solenoid 17A and an outdoor thermostat 11C connected to water pump 6 in base of a water tank 7; said section 'B' on its outer side 'D' carries two series connected condensers 3A-3B adjacent fresh air inlet 3E-3F, another blower 5B having a Y-shaped exhaust 13 carrying a butterfly valve on side outlet opening into room side 'C' and the other outlet side thereof opening into room side of room, a refrigerative compressor 2 connected to said condensers 3A-3B and said cooling coil 4 and a water pump 6 working in said base tank/tray 7; said other side 'D' being covered by spacedly mounted evaporative cooling pad 11 having a drip in its top served by said water pump *.

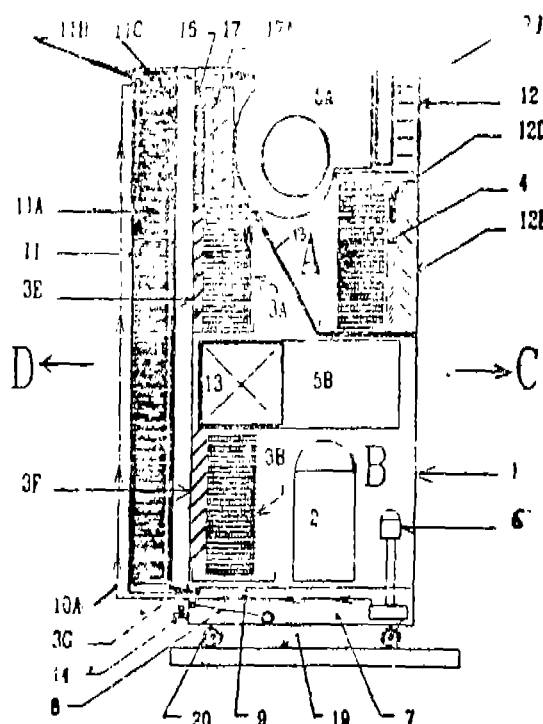


FIG-1

(Complete Specifications : 19 pages; Drawings : 7 Sheets)

Ind Cl. : 189, Gr. [LXVI(9)]

181396

Int. Cl. : A 61 K-7/48

A COSMETIC COMPOSITION IN EMULSION FORM.

Applicants : HINDUSTAN LEVER LIMITED OF
HINDUSTAN LEVER HOUSE, 165/166, BACKBAY
RECLAMATION, MUMBAI-400020, MAHARASHTRA,
INDIA. A COMPANY INCORPORATED UNDER THE
INDIAN COMPANIES ACT, 1913.

Inventor : PHILIP DAL ZIEGLER.

Patent Application No. : 253/Bom/94 filed on 03-06-94.

Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules 1972), Patent Office Branch, Mumbai-400013.

10 Claims

A cosmetic composition in emulsion form comprising :

- (i) from 5 to 80% by weight of water;
- (ii) from 0.5 to 30% by weight of petroleum jelly;
- (iii) from 0.01 to 10% by weight of sterol;
- (iv) from 0.001 to 5% by weight of phosphatide; and
- (v) from 0.5 to 20% by weight of a C₁₀—C₂₂ alkanolic triglyceride.

(Compl. Specn. : 16 pages;

Drwngs. : Nil)

Ind. Cl. : 42 A2 Gr [XVI]

181392

Int. Cl. : A 24 D-1/00,
1/00.

A LESS INJURIOUS TO HEALTH CIGARETTE.

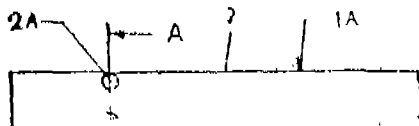
Applicants & Inventors : CHANDRAKANT DAMODAR-DAS GANDHI—AN INDIAN NATIONAL, AT 72-A, ATLAS APARTMENTS, 11 J. MEHTA ROAD, MUMBAI-400 006, MAHARASHTRA, INDIA.

Patent Application No. 291/Bom/94, filed on 29-06-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

3 Claims

A less injurious to health cigarette consisting of a normal cigarette 14 comprising tobacco rolled in paper characterised in that the normal cigarette is provided with circumferentially spaced apart holes 2A through the paper towards the smothering end thereof.



(Complete Specifications : 5 pages; Drawing : 1 Sheet)

Ind. Cl. : 63 I Gr [LVIII(1)]

181398

Int. Cl. : H 02 K-51/00.

AN ELECTROMAGNETIC MECHANICAL POWER TRANSMISSION ASSEMBLY.

Applicant & Inventors : DR. PRANAB DASTIDAR, F3, RAJKUNJ CO-OPERATIVE HOUSING SOCIETY, WADAVLI, CHEMBUR, MUMBAI-400 074, MAHARASHTRA, INDIA. AN INDIAN NATIONAL.

Patent Application No. : 435/Bom/94, filed on 02-09-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

3 Claims

An electromagnetic mechanical power, transmission assembly having coaxial rotatable inner and outer parts of magnetic material, each independently rotatable, with air gap space between the rotatable parts, one part connected to a driving engine and the other to a load to be driven at variable speed, each of the rotatable parts provided with electrical windings and arrangements for obtaining currents generated in the windings into an external circuit, having arrangements for controlling the currents and arrangements for feeding back into windings of the other rotatable part to enable magnetic force element in the air gap space between the two rotatable parts due to the current in the

windings to interact to produce torque, which enables effective transmission of power from the engine to the load at variable speeds of both the engine and the load.

(Complete Specifications : 7 pages; Drawings : 01 Sheet)

Ind. Cl. : 85 G [XXXI]

181399

Int. Cl. : F 27 B—17/00

METHOD AND FURNACE CONSTRUCTION TO BE USED IN PROCESSES FOR PRODUCING EASILY VOLATILE METALS.

Applicants : OUTOKUMPU RESEARCH OY A FINNISH JOINT-STOCK COMPANY, OF PORI, FINLAND.

Inventors :

1. TIMO TALONEN
2. HEIKKI EEROJA
3. ANTTI ROINE

Application No. : 476/Bom/94 filed on 04-10-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400013.

20 Claims

A furnace construction for producing easily volatile metals such as zinc, lead and cadmium, which construction comprises at least two closely connected furnaces (1, 2) reduction furnace (1) and a converter (2), characterized in that the furnaces (1, 2) operated at normal pressure are interconnected by means of at least one channel (3, 12), of which at least one end of the channel is arranged to be immersed in the melt (4, 5, 6) contained in the furnaces).

(Compl. Specn. : 16 pages;

Drawings : 3 sheets)

Ind. Cl. : 62 D [XXII (1)]

181400

Int. Cl. : D01C-3/02

PROCESS FOR TREATING POLYOLEFIN YARN TO MAKE IT SUITABLE FOR WEAVING.

Applicant : MEGA CHEMIEC INDUSTRIES LIMITED, AN INDIAN COMPANY OF B2, SHRUTI SAGAR, NITYANAND ROAD, OPP-RAILWAY STATION, ANDHERI (E), BOMBAY-400069, MAHARASHTRA, INDIA.

Inventors : KUMAR AMITT.

Application No. : 538/Bom/94 filed on 16-11-94.

Complete after provisional filed on 01-11-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400013.

2 Claims

A process for treating polyolefin filament yarns to make them suitable for weaving comprising the steps: twisting the polyolefin filament yarn from cones/bobbins at 8 to 80 turns per inch (240 to 3200 turns per meter) : making hanks of about 100 to 500g each with the help of a reeling machine;

boiling the hanks at around 100 degrees C in loose form in a mild alkaline medium, typically soap water of PH between 8 and 10 for about 10 to 25 minutes; dipping the boiled hanks in a mixture of cold soap solution and oil typically vegetable oil, for about 1 to 4 hours;

drying the treated hanks in a suspended state in loose form for 2 to 6 hours; and rewinding the dried hanks for weaving.

(Provisional Specification : 4 Pages;

Drawing : Nil)

(Compl. Specn. : 5 pages;

Drwng. : Nil)

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PATENT SEALED ON 08-05-98

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 179156* 179158* 179159* 179160

CAL - 24, DEL - 05, MUM - NH, CHEN - 08.

*Patent shall be deemed to be endorsed with words
 LICENCE OF RIGHT Under Section 87 of the Patents Act,
 1970 from the date of expiration of three years from the
 date of sealing.

D Drug Patents

F Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not
 open to inspection for period of two years from the date of
 registration except as provided for in Section 50 of the
 Designs Act, 1911.

The date shown in the each entries is the date of the
 registration included in the entries.

Class 1 No. 173660, Precimet Diamond (India) Limited
 of 1106, Panchratna, Mama Paramanand Marg,
 Opera House, Mumbai 400004, Maharashtra,
 India, Indian company, "TOKEN", 17th April
 1997.

Class 1. Nos. 173790 & 173791, Polar Industries Ltd., an
 Indian company of 113, Park Street, Calcutta
 700016, West Bengal, India, "TABLE FAN", 2nd
 May 1997.

Class 1. No. 173752, Rasa Steel (India) 157, I.D.C. Rohtak
 124001, Haryana, an Indian partnership firm,
 "NUCULS FOR ALDROPS", 30th April 1997.

Class 1. No. 173753, Rasa Steel (India) 157, I. D. C. Rohtak
 124001, Haryana, an Indian partnership firm,
 "HANDLES FOR DOORS", 30th April 1997.

Class 1. Nos. 173725 & 173726, Bharat Industries, Sardar
 S. V. Road, Indian national, proprietary firm,
 Janta Garden Chowk, Rajkot 360002, Gujarat,
 India, "KNIFE", 28th April 1997.

Class 1. No. 173754, Charak Pharmaceuticals (India) Ltd.,
 of Evergreen Industrial Estate, Shakti Mills Lane,
 Dr. E. Moses Road, Mahalaxmi, Mumbai 400011,
 Maharashtra, India, "BOTTLE CLOSURE", 30th
 April 1997.

Class 3. No. 173755, Charak Pharmaceuticals (India) Ltd.,
 of Evergreen Industrial Estate, Shakti Mills Lane,
 Dr. E. Moses Road, Mahalaxmi, Mumbai 400011,
 Maharashtra, India, "BOTTLE CLOSURE", 30th
 April 1997.

Class 3. No. 173738, Mrs. Shubhada Satishchandra Pethkar
 of 61, Kanga Colony, Sadarbazar, Satara 415001,
 Maharashtra, India, Indian national, "DRAWER
 RUNNER", 30th April 1997.

Class 3 No. 173739, Mrs. Shubhada Satishchandra Pethkar
 of 61, Kanga Colony, Sadarbazar, Satara 415001,
 Maharashtra, India, Indian national, "FIX
 CASTOR", 30th April 1997.

Class 3. No. 173741, Mrs. Shubhada Satishchandra Pethkar
 of 61, Kanga Colony, Sadarbazar, Satara 415001,
 Maharashtra, India, Indian national, "FLY
 CASTOR", 30th April 1997.

Class 10. No. 173645, API Polymers (India) Ltd., an Indian
 Company under the Indian Comp. Act 1956 and
 having its head. office at T-17, Udvog Nagar, Main
 Rohtak Road, New Delhi 110041, India, "SHOE
 SOLE", 16th April 1997.

H. D. THAKUR

Controller General of Patents, Designs & Trade Marks

प्रबन्धक, भारत सरकार मद्रासालय, फरीदाबाद द्वारा मुद्रित

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित 1998

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